

Converting Colors

Hex(0CFFEF)

Have a look what the booklet for
Hex(0CFFEF) contains.

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Color

Hex(0CFFEF)

Conversions

Conversions Part 1

Format	Color
Hex	0CFFEF
RGB	12, 255, 239
RGB Percent	5%, 100%, 94%
CMY	0.9529, 0.0000, 0.0627
CMYK	0.95, 0.00, 0.06, 0.00
HSL	176°, 100%, 52%
HSV	176°, 95%, 100%
XYZ	51.4916, 77.8302, 93.9702
YIQ	180.5190, -139.6920, -56.4920

Conversions

Conversions Part 2

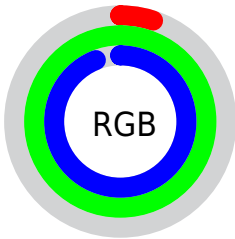
Format	Color
R _Y B	12, 138, 255
Decimal	851951
CIE Lab	90.70, -52.32, -6.45
CIE LCh	91, 52.718, 187.025
Yxy	77.8302, 0.2306, 0.3486
Android (android.graphics.Color)	4279042031 (0xFF0CFFEF)
YUV	180.5190, 28.8311, -147.7912
Hunter-Lab	88.2214, -50.2035, -1.3985




Details

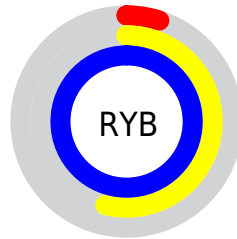
The Hex color **0CFFEF** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FF0C1C**, and the grayscale version is **B4B4B4**.




A 20% lighter version of the original color is **79FFFF**, and **00C5B7** is the 20% darker color. If you saturate the color by 10%, you get **00FFEE**, and if you desaturate by 10%, it is **26FFF1**.

Distribution







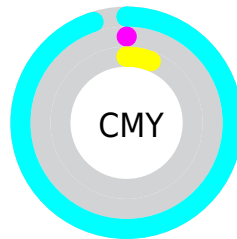
-  Red (5%)
-  Green (100%)
-  Blue (94%)






-  Red (5%)
-  Yellow (54%)
-  Blue (100%)



-  Cyan (95%)
-  Magenta (0%)
-  Yellow (6%)
-  Black (0%)



-  Cyan (95%)
-  Magenta (0%)
-  Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CFFEF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0CFFEF by changing the saturation by 10% instead.

 0CFFEF

 0CFFEF

FFFFFF

 00E2D3

 79FFFF

 00C5B7

 9CFFFF

 00A99C

 BEFFFF

 008E82

 DFFFFF

 007469

 005A51

 00413A

 002B25

 000611

 0CFFEF

 0CFFEF

 00FFE

 26FFF1

 3FFFF2

 59FFF4

 72FFF6

 8CFFF7

 A5FFF9

 BFFFFB

 D8FFFC

 F2FFFE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82FCBB



0CFFEF



00FDFF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0CFFEF



F9D3FF



FFD488

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0CFFEF



FF0C1C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC3AA



0CFFEF



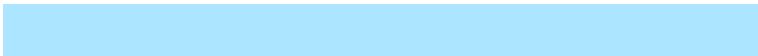
FFC2FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0CFFEF



ABE5FF



FFBCDA



F9E57E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0CFFEF



00F8FF



FFBCDA



FFCE91

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0CFFEF



B5FFFA



1CFF0C



53807D



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0CFFEF



00FFEE



0C96FF



73807F



00BFB3



00403C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF0C1C



FF0011



FF750C



807374



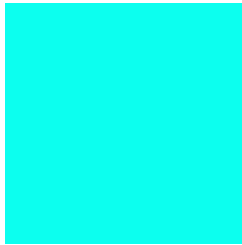
BF000D



400004

Previews

White Background



This preview shows how the Hex color 0CFEED looks on a white background.

Color Contrast Check

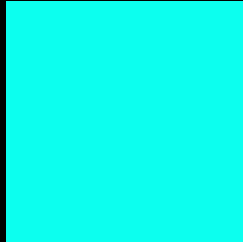
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0CFFEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

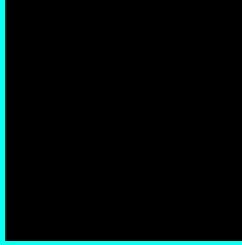
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

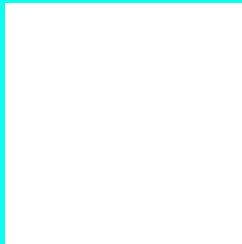
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0CFEED Background



This preview shows how black text looks on a background with the Hex color 0CFEED.

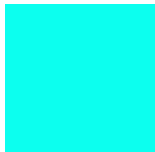


This preview shows how white text looks on a background with the Hex color 0CFEED.

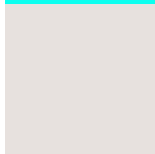
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

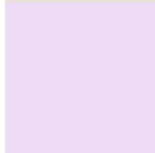
Dichromacy



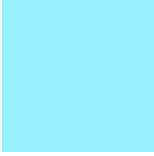
Original Color
0CFFE7



Protanopia
E7E1DE

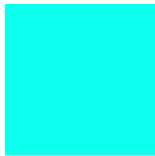


Deuteranopia
E7DC77

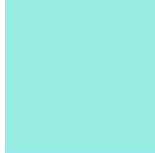


Tritanopia
97F2FF

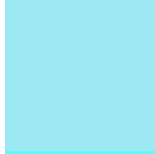
Trichromacy



Original Color
0CFFEF



Protanomaly
97ECE4



Deuteranomaly
9CE9F4

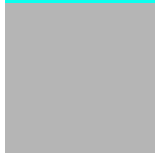


Tritanomaly
64F7F9

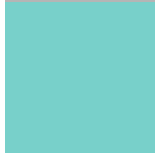
Monochromacy



Original Color
0CFFEF



Achromatopsia
B5B5B5



Achromatomaly
78D0CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CFFEF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0CFFEF looks like.

```
.text, #text, p{  
    color:#0CFFEF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0CFFEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CFFEF
}
```

Border

The CSS property to change the border of an element to Hex 0CFFEF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0CFFEF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0CFEED }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0CFEED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CFEED; -webkit-box-shadow:4px 4px  
4px 4px #0CFEED; box-shadow:4px 4px 4px  
4px #0CFEED }
```

Background

The CSS property to change the background color of an element to Hex 0CFFEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CFFEF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0CFFEF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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